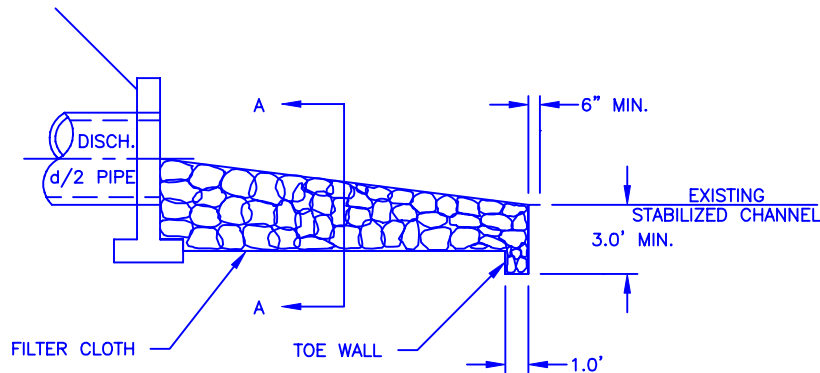


DISCHARGE TO UNCONFINED
SECTION (FLARED OUTLET)
(MINIMUM TAIL WATER CONDITION)

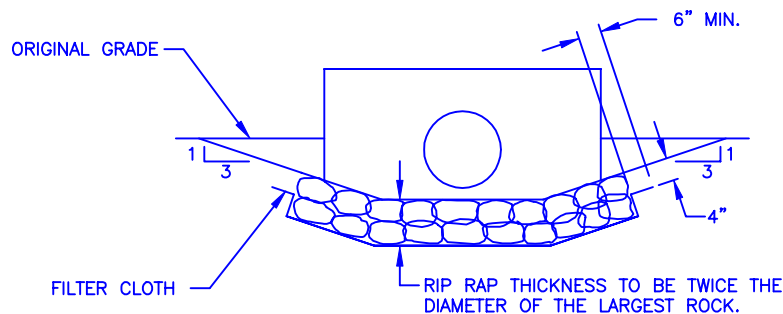
L = LENGTH TO BE DESIGNED
BY ENGINEER, 5 FEET MIN.

W = WIDTH TO BE 3 TIMES THE
PIPE DIA., 5 FEET MIN.

PLAN VIEW



RIP RAP TO BE EMBEDDED IN PROPOSED TRANSITION SECTION.



CROSS SECTION A-A

HEAD WALL AND RIP RAP

NO SCALE

APPROVED: JON C. SPANGLER

REV. DATE: OCTOBER 3, 1995

STORMWATER DIVISION



STANDARD DETAILS

HEAD WALL AND RIP RAP

FILE SD620.DWG DRAWING NO. **620**